



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

## NOTICE OF ACCEPTANCE (NOA)

[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

**Simonton Building Products, Inc.**  
(dba Simonton Windows)  
1 Cochrane Avenue  
Pennsboro, WV 26415

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: Series "O02/O02" Aluminum Sliding Glass Door (OX)-Impact

**APPROVAL DOCUMENT:** Drawing No. **Dade-125D**, titled "O02/O02 Storm Breaker Plus Sliding GL Door", sheets 1 through 5 of 5, prepared by manufacturer, dated 01/09/03 and last revised on 06/15/05, signed and sealed by Charles A. Pagen, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises & supersedes** NOA # **03-0415.02** and consists of this page 1 and evidence page E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No 05-0701.05  
Expiration Date: June 24, 2009  
Approval Date: October 27, 2005  
Page 1

10/6/05

**Simonton Building Products, Inc.**  
**(dba Simonton Windows)**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS** (*Transferred from NOA# 03-0415.02*)

1. Manufacturer's die drawings and sections.  
(Original documents transferred from unapproved Norandex file # **03-0206.14**)
2. Drawing No. **Dade-125C**, titled "O02/O02 Storm Breaker Plus Sliding GL Door", sheets 1 through 5 of 5, prepared by manufacturer, dated 01/09/03 and last revised on dated 06/15/05, signed and sealed by Charles A. Pagen, P.E.

**B. TESTS** (*Transferred from NOA# 03-0415.02*)

(Original test reports transferred from unapproved Norandex file # **03-0206.14**)

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
- 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
- 3) Water Resistance Test, per FBC, TAS 202-94
- 4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
- 5) Large Missile impact Test per FBC, TAS 201-94
- 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of aluminum sliding glass door (OX), prepared by Certified Testing Laboratories, Test Report No. **CTLA-962W**, dated November 06, 2002, signed and sealed by Ramesh Patel, P.E. (Note sheet 2, 3 and 4 of the test report was revised by Certified Testing Lab, signed and sealed by Ramesh Patel, P.E. and further addendum letter dated 3-28-03 issued by Certified Testing Lab, signed and sealed by Ramesh Patel, P. E.)

**C. CALCULATIONS**

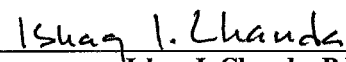
1. Anchor Verification Calculations, complying w/ FBC-2004, dated 06-22-2005, prepared, signed and sealed by Charles A. Pagen, P. E.
2. Anchor Calculations and structural analysis & glazing calculation per ASTM E-1300-98, dated 06/10/05, prepared, signed and sealed by Charles A. Pagen, P.E.,  
(*Transferred from NOA# 03-0415.02*)
3. Anchor verification and performance analysis dated 1/17/03 and last revised on 3/24/03, prepared, signed and sealed by Charles A. Pagen, P.E. (Original calcs transferred from unapproved Norandex file # **03-0206.14**)
4. Glazing complies w/ASTM E-1300-98 and ASTM E-1300-02.

**D. QUALITY ASSURANCE BY:**

1. Miami-Dade Building Code Compliance Office.

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **03-0421.01**, issued to Solutia Inc, for "Saflex HP",  
expiring April 14, 2008.

  
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Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 05-0701.05  
Expiration Date: June 24, 2009  
Approval Date: October 27, 2005

**Simonton Building Products, Inc.**  
**(dba Simonton Windows)**

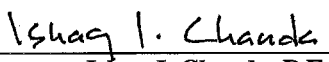
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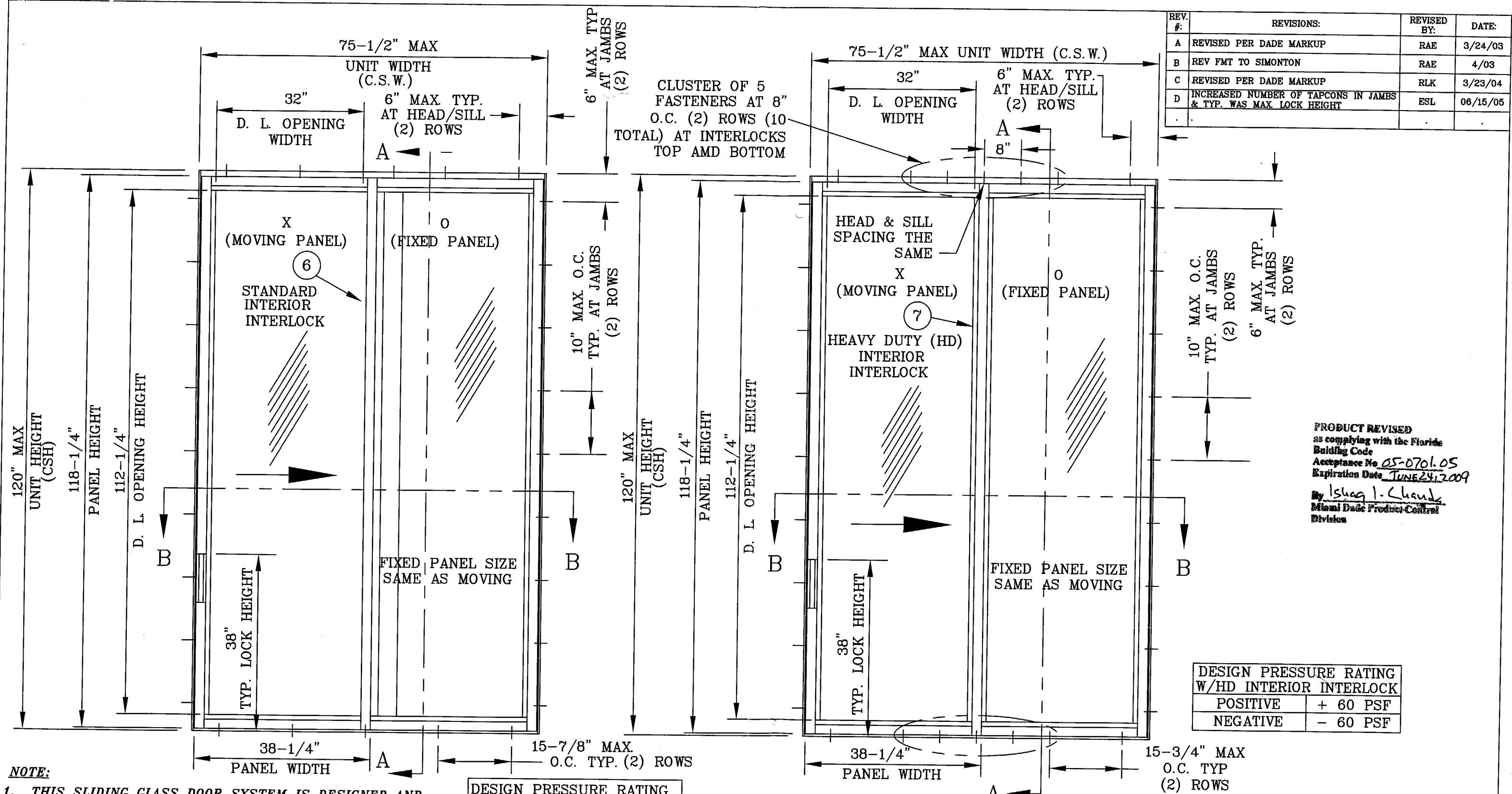
**F. STATEMENTS** *(Submitted under NOA# 03-0415.02)*

1. Statement letter of anchor verification compliance to FBC-2004, dated June 12, 2005, signed by Charles A. Pagen, P. E.
2. Court order case #00-0387(JFK), dated 01-27-2003, asset sell and purchase agreement between Exterior System Inc (Seller) and Simonton Building Products (Buyer).
3. State of Delaware certification dated 27<sup>th</sup> December 1999, confirming corporation organization and existing of "Norandex Inc" under the name of "Exterior System Inc." under the law of State of Delaware.
4. State of Florida certification dated April 29, 2003, confirming Simonton Building Products Florida Inc, corporation organized under the law of West Virginia, authorized to transfer business in the State of Florida.
5. Statement letter dated March 25, 2003, issued by Norandex Building Products requesting" transfer and Name change of existing NOA(s) / Pending files due to sale of asset of Exterior System Inc (dba Norandex/Reynolds) to Simonton Building Products. Norandex Inc also stipulated that the product will no longer manufactured by them and all Rights of NOA(s), being sold to Simonton Building Products, signed by D. J. Screiner, VP-Operation.
6. Un-dated letter issued by Simonton Windows requesting the Norandex Building Products, currently existing NOA(s)/ pending files be transferred to the name of Simonton Windows, signed by Chuck Anderson, P. E. Regulatory Manager.
7. Statement letter of conformance and "No financial interest", dated 01-17-03, signed and sealed by Charles A. Pagen, P.E.
8. Statement of compliance, issued as part of above referenced test report by Certified Testing Laboratories Inc.

**G. OTHER**

1. This NOA **revises & supersedes NOA # 03-0415.02**, expiring June 24, 2009.
2. Notice of Acceptance No. 03-0415.02, issued to Simonton Building Products, Inc., For their Series "O02/O02" Aluminum Sliding Glass Door (OX)-Impact, approved on 06/24/04 and expiring on 06/24/09.
3. Unapproved (closed) Norandex file # **03-0206.14**.
4. Various legal documents reference to sales of asset.

  
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Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 05-0701.05  
Expiration Date: June 24, 2009  
Approval Date: October 27, 2005



REV. #	REVISIONS:	REVISED BY:	DATE:
A	REVISED PER DADE MARKUP	RAE	3/24/03
B	REV FMT TO SIMONTON	RAE	4/03
C	REVISED PER DADE MARKUP	RLK	3/23/04
D	INCREASED NUMBER OF TAPCONS IN JAMBS & TYP. WAS MAX. LOCK HEIGHT	ESL	06/15/05

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 05-0701.05  
Expiration Date JUNE 24, 2009  
By Isaac I. Chaudhry  
Miami Dade Product Control  
Division

DESIGN PRESSURE RATING W/HD INTERIOR INTERLOCK	
POSITIVE	+ 60 PSF
NEGATIVE	- 60 PSF

DESIGN PRESSURE RATING WITH STANDARD INTERLOCK	
POSITIVE	+ 40 PSF
NEGATIVE	- 40 PSF

- NOTE:**
1. THIS SLIDING GLASS DOOR SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE AND CHAPTERS 16, 17 AND 24 FOR THE HIGH VELOCITY HURRICANE ZONE.
  2. ALL EXTRUSIONS ARE ALUMINUM, 6063-T5 ALLOY, WITH A MINIMUM F<sub>y</sub> OF 16,000 P.S.I. U.N.O..
  3. BASED ON LABORATORY TEST REPORT NUMBER CTLA-962W CERTIFIED TESTING LABORATORIES.
  4. WOOD BUCKS (BY OTHERS) MUST BE DESIGNED TO CARRY DOOR WIND LOADS IMPOSED ON THEM AND MUST BE REVIEWED BY THE BUILDING OFFICIAL.
  5. FRAME AND PANEL CORNERS SEALED WITH SCHNEE-MOREHEAD 5504 WHITE JOINT SEALER.

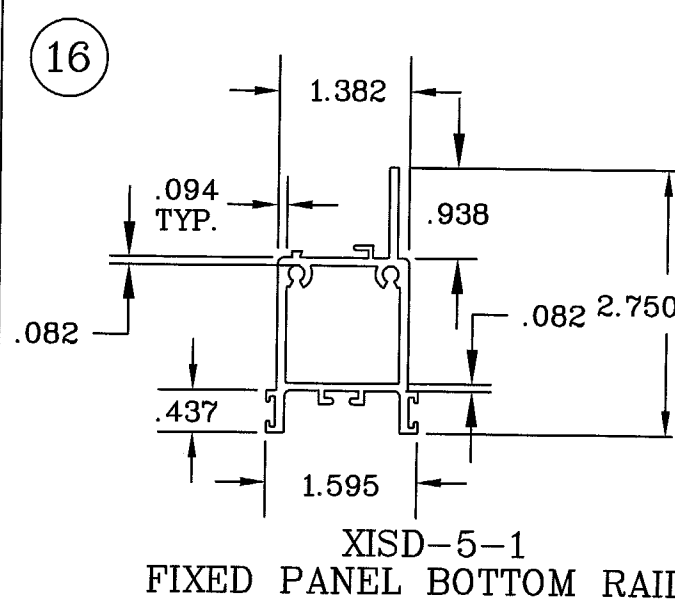
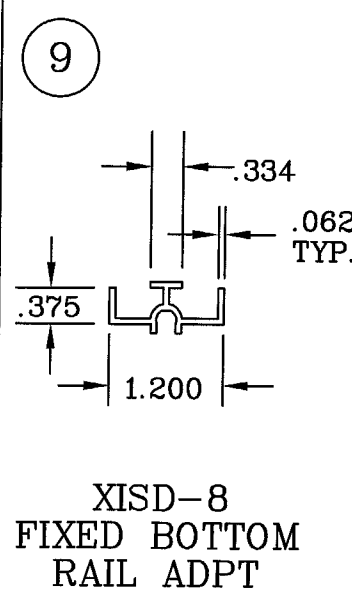
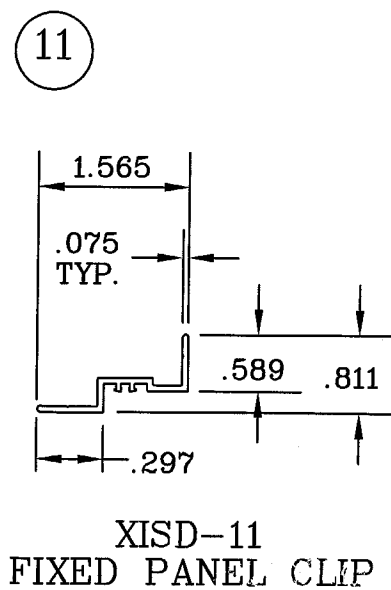
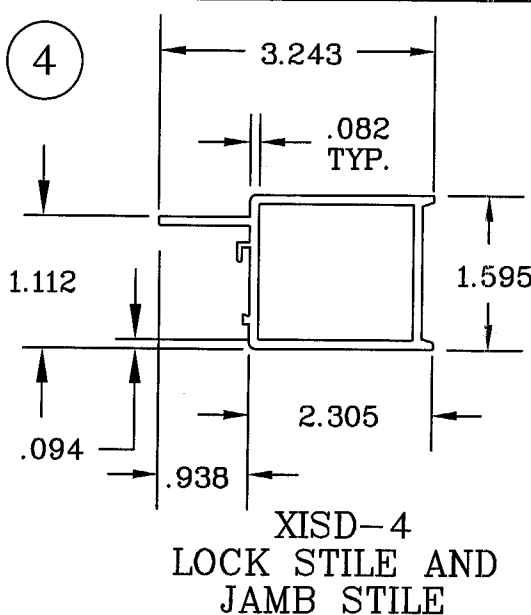
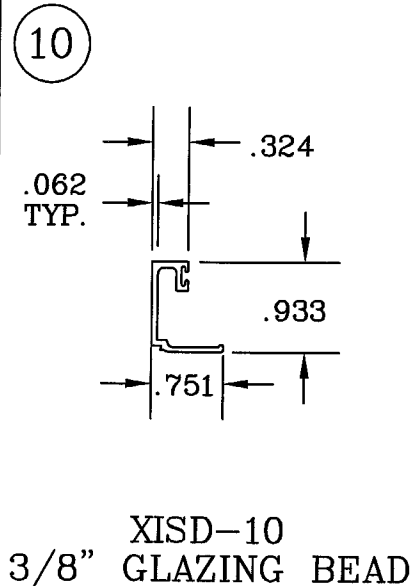
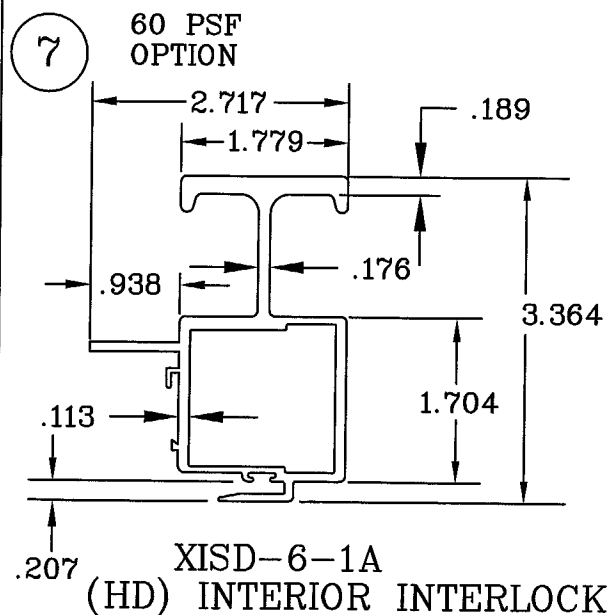
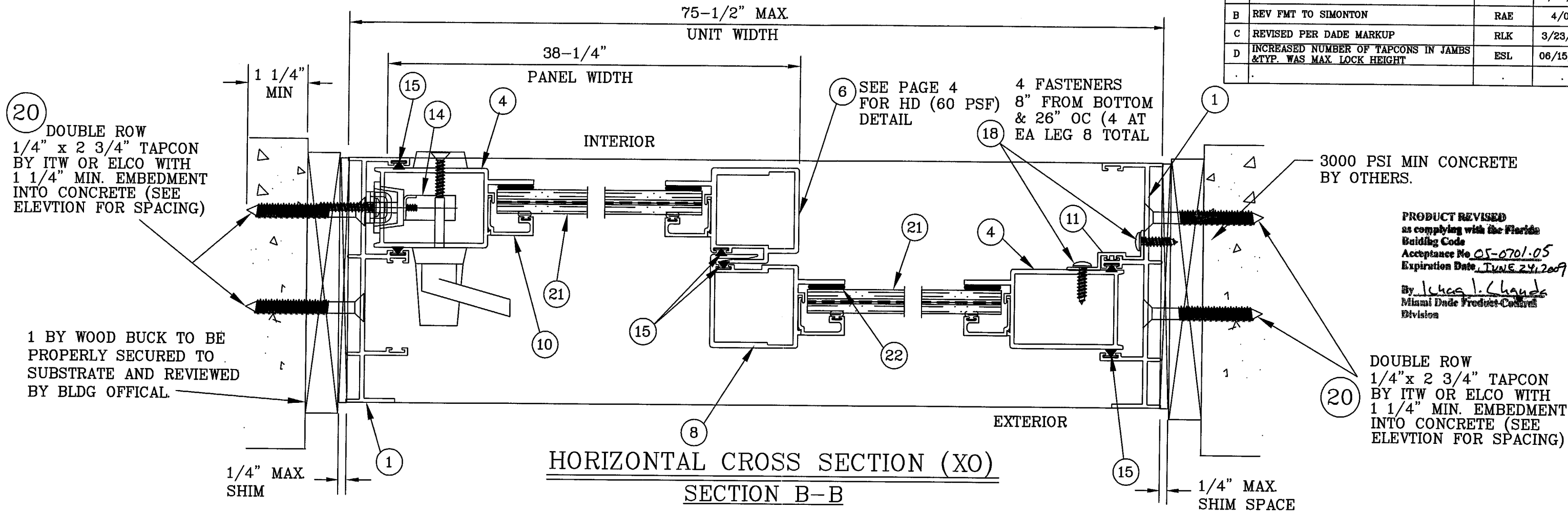
## IMPACT RESISTANT

CHARLES A. PAGEN, P.E.  
FL REG ENG #49121  
6/16/05

**SIMONTON**  
WINDOWS  
Corporate Headquarters  
1 Cochrane Avenue  
Pennsboro, WV 26415  
Manufacturing Plant  
4504 30th Street, West  
Bradenton, FL 34207

SCALE: NTS	SHEET: 1 OF 5	DRAWN BY: RLK	DATE: 1/9/03
SIZE: B	DRAWING NO: DADE-125C	REV: D	CHECKED BY: LNJ
FILE: DADE-125D	APPRVD BY: CP	DATE: 1/9/03	
SERIES: 002/002			
TITLE: STORMBREAKER PLUS SLIDING GL DOOR			
ALUMINUM IMPACT RESISTANT 10' SGD (XO or OX) 2 PANEL ELEVATIONS			

REV. #:	REVISIONS:	REVISED BY:	DATE:
A	REVISED PER DADE MARKUP	RAE	3/24/03
B	REV FMT TO SIMONTON	RAE	4/03
C	REVISED PER DADE MARKUP	RLK	3/23/04
D	INCREASED NUMBER OF TAPCONS IN JAMBS & TYP. WAS MAX. LOCK HEIGHT	ESL	06/15/05



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES

*Charles A. Pagen*  
**CHARLES A. PAGEN, P.E.**  
 FL REG ENG #49121  
 6/16/05

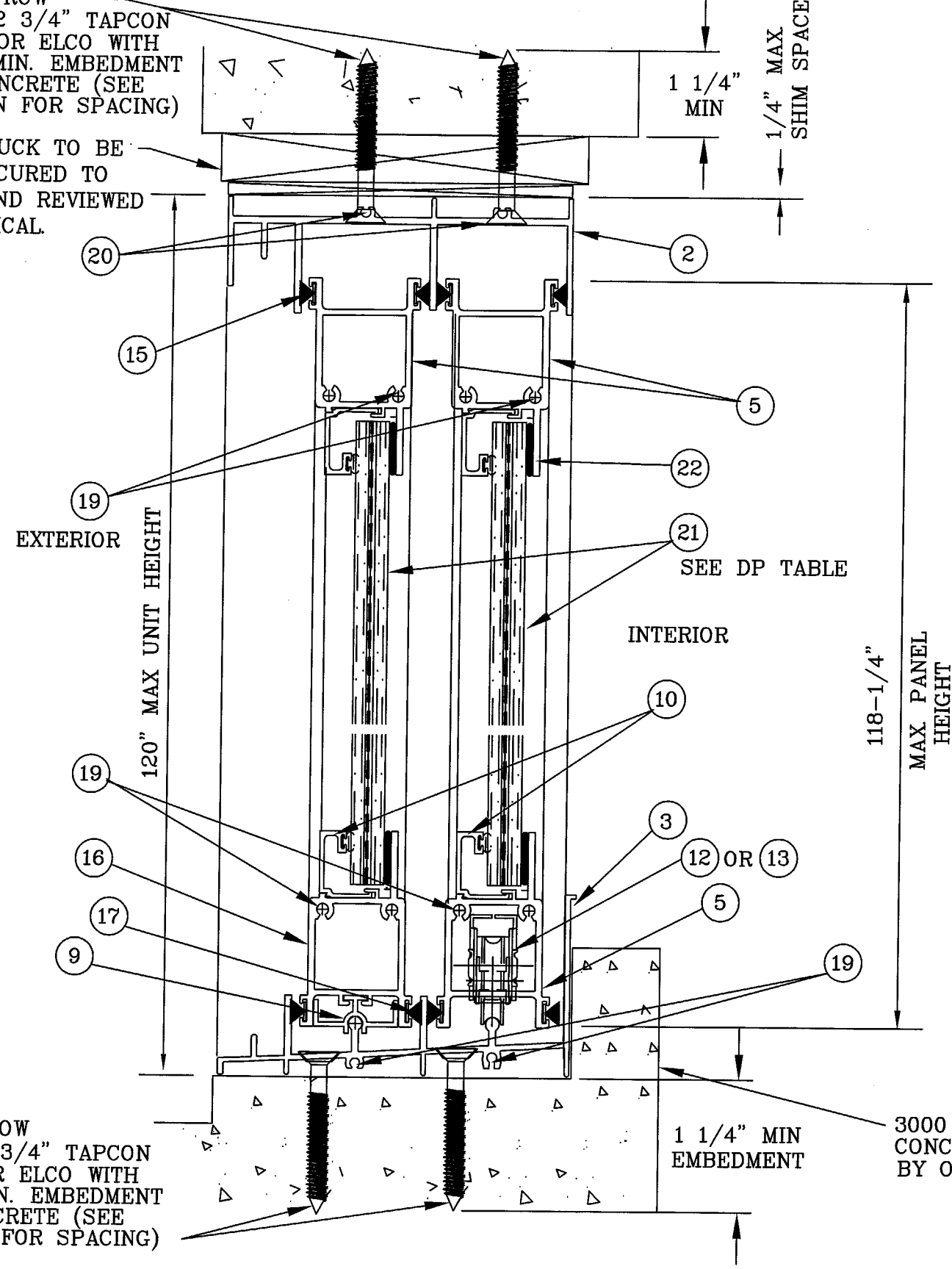
**SIMONTON**  
 WINDOWS  
 Corporate Headquarters  
 1 Cochrane Avenue  
 Pennsboro, WV 26415  
 Manufacturing Plant  
 4504 30th Street, West  
 Bradenton, FL 34207

SCALE: NTS SHEET: 2 OF 5 DRAWN BY: RLK DATE: 1/9/03  
 SIZE: B DRAWING NO: DADE-125C REV: D CHECKED BY: LNJ DATE: 1/9/03  
 FILE: DADE-125D APPRVD BY: CP DATE: 1/9/03  
 SERIES: 002/002  
 TITLE: STORMBREAKER PLUS SLIDING GL DOOR  
 ALUMINUM IMPACT RESISTANT 10' SGD (XO or OX) CROSS SECTIONS

20

DOUBLE ROW  
1/4" x 2 3/4" TAPCON  
BY ITW OR ELCO WITH  
1 1/4" MIN. EMBEDMENT  
INTO CONCRETE (SEE  
ELEVATION FOR SPACING)

1 BY WOOD BUCK TO BE  
PROPERLY SECURED TO  
SUBSTRATE AND REVIEWED  
BY BLDG OFFICAL.



VERTICAL CROSS SECTION  
SECTION A-A

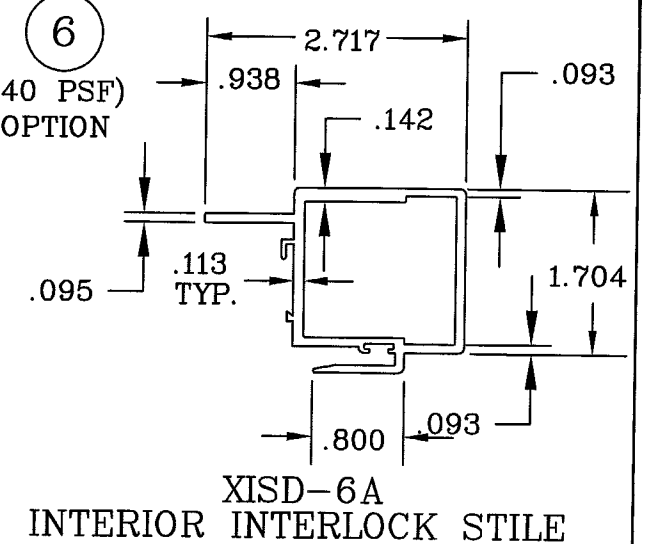
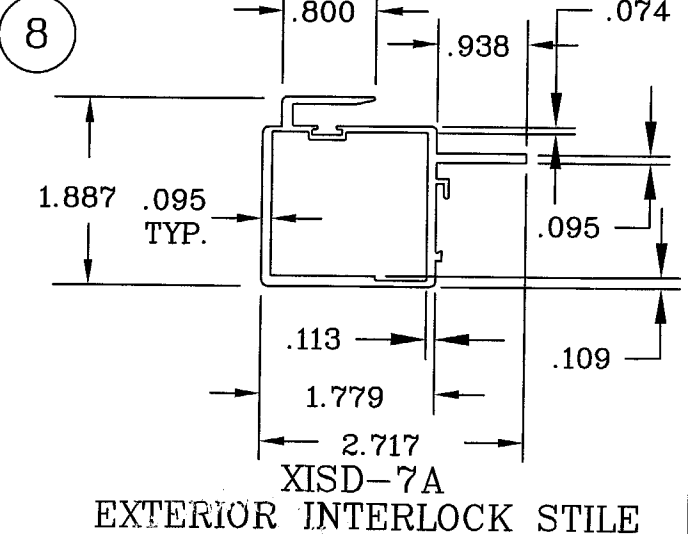
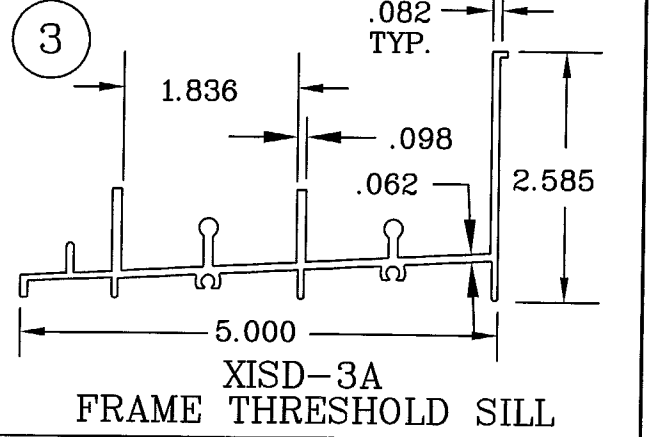
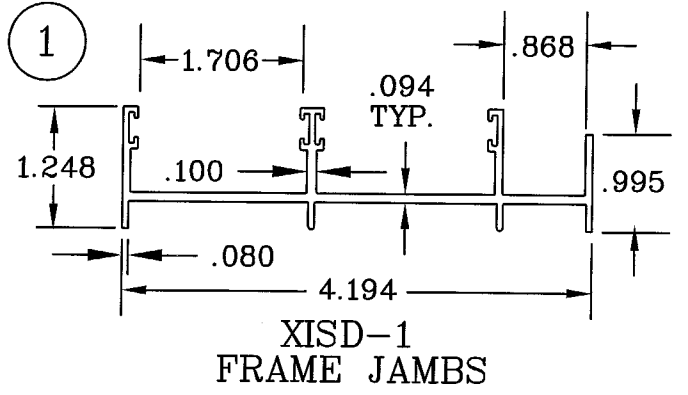
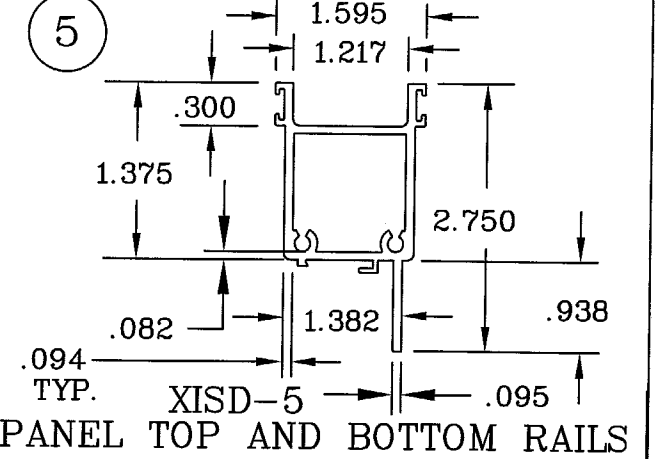
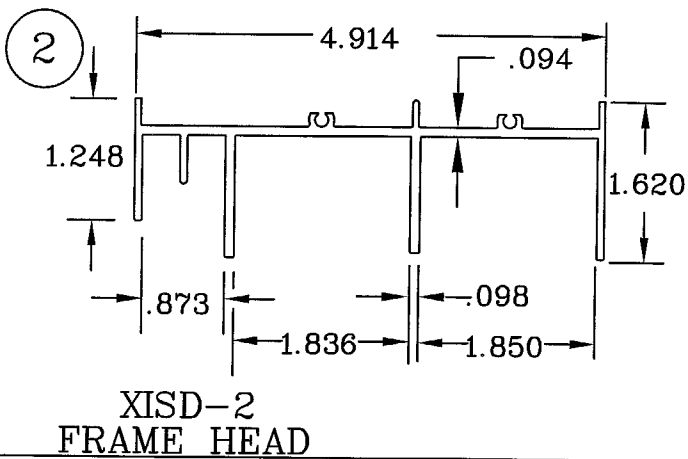
20

DOUBLE ROW  
1/4" x 2 3/4" TAPCON  
BY ITW OR ELCO WITH  
1 1/4" MIN. EMBEDMENT  
INTO CONCRETE (SEE  
ELEVATION FOR SPACING)

1 1/4" MIN  
EMBEDMENT  
3000 PSI MIN  
CONCRETE SILL  
BY OTHERS

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 05-0701-05  
Expiration Date: JUNE 24, 2009  
By: *Isaac L. Chander*  
Miami Dade Product Control  
Division

REVISIONS:		REVISED BY:	DATE:
A	REVISED PER DADE MARKUP	RAE	3/24/03
B	REV FMT TO SIMONTON	RAE	4/03
C	REVISED PER DADE MARKUP	RLK	3/23/04
D	INCREASED NUMBER OF TAPCONS IN JAMBS & TYP. WAS MAX. LOCK HEIGHT	ESL	06/15/05



*Charles A. Pagen*  
CHARLES A. PAGEN, P.E.  
FL REG ENG #49121  
6/16/05

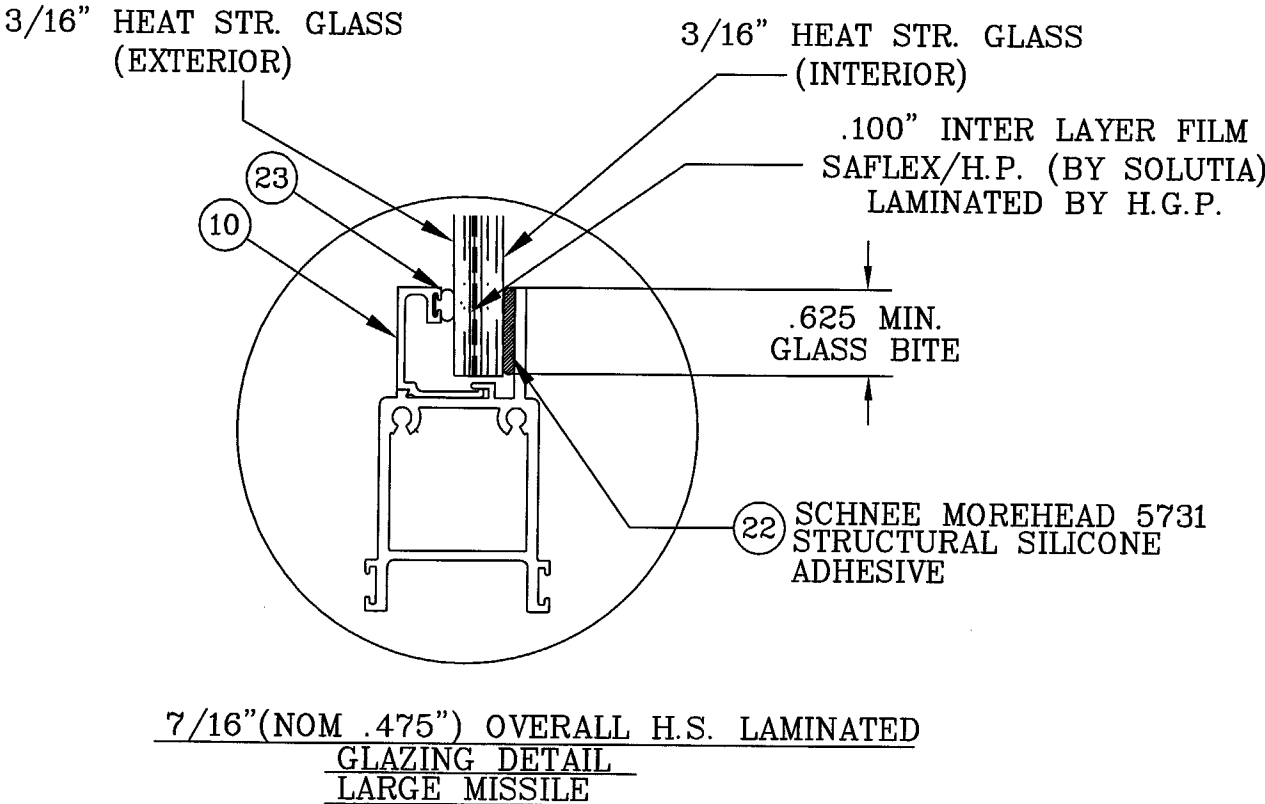
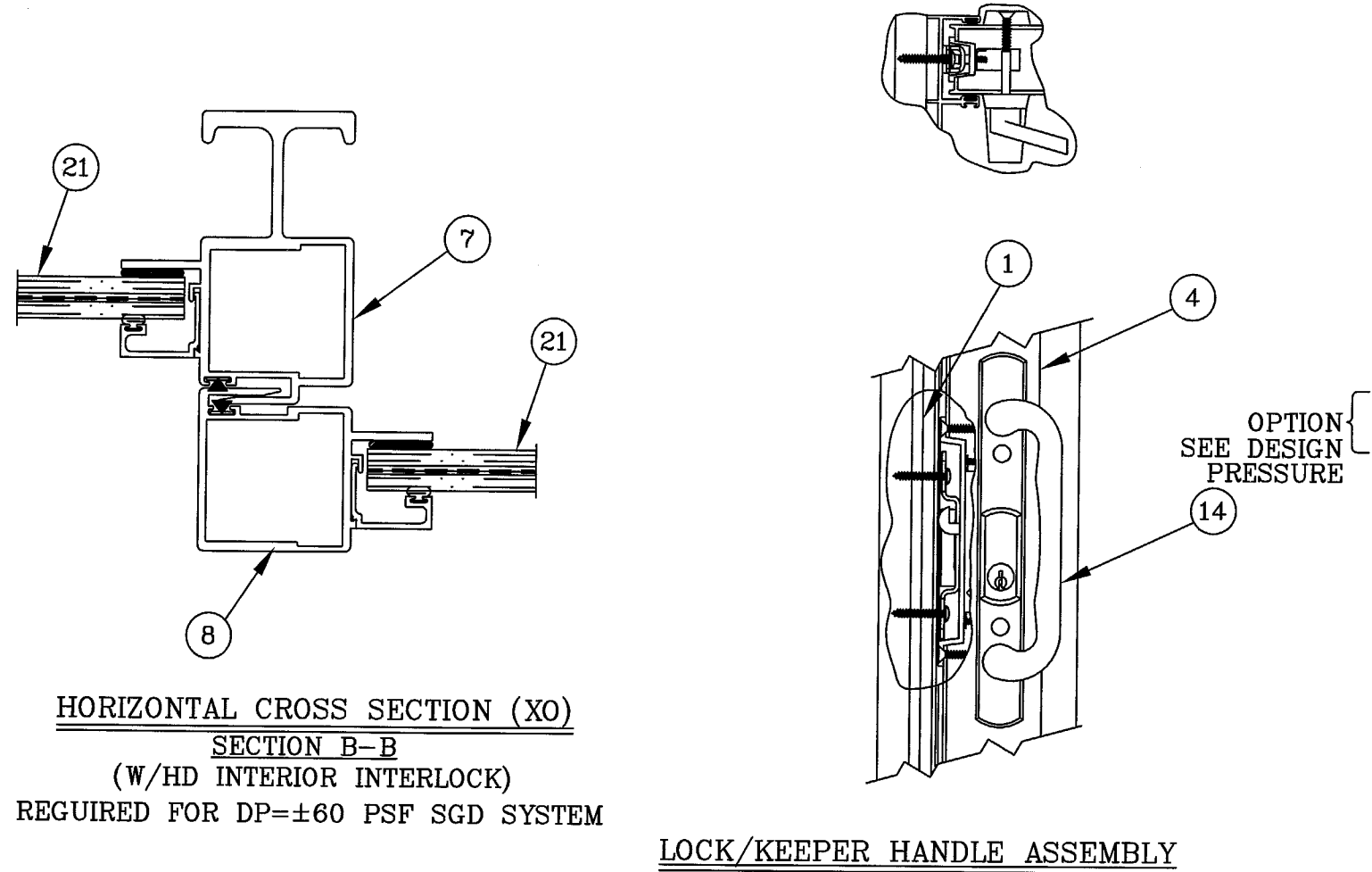
**SIMONTON**  
WINDOWS  
Corporate Headquarters  
1 Cochrane Avenue  
Pennsboro, WV 26415  
Manufacturing Plant  
4504 30th Street, West  
Bradenton, FL 34207

SCALE: NTS	SHEET: 3 OF 5	DRAWN BY: RLK	DATE: 1/9/03
SIZE: B	DRAWING NO: DADE-125C	REV: D	CHECKED BY: LNJ
FILE: DADE-125D	APPRVD BY: CP	DATE: 1/9/03	
SERIES: 002/002			
STORMBREAKER PLUS SLIDING GL DOOR			
TITLE: ALUMINUM IMPACT RESISTANT 10' SGD (XO or OX) CROSS SECTIONS			

REV. #:	REVISIONS:	REVISED BY:	DATE:
A	REVISED PER DADE MARKUP	RAE	3/24/03
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D	INCREASED NUMBER OF TAPCONS IN JAMBS & TYP. WAS MAX LOCK HEIGHT	ESL	6/16/05

ITEM NO	PART NO	DESCRIPTION	QTY.	VENDOR
1	XISD-1	2-WIDE FRAME JAMB 6063-T5	2	PROFILE EXTRUSIONS
2	XISD-2	2-WIDE FRAME HEAD 6063-T5	1	PROFILE EXTRUSIONS
3	XISD-3A	2-WIDE FRAME SILL 6063-T5	1	PROFILE EXTRUSIONS
4	XISD-4	PANEL LOCK/FIX JAMB STILE 6063-T5	2	PROFILE EXTRUSIONS
5	XISD-5	PANEL TOP & BOTTOM 6063-T5	3	PROFILE EXTRUSIONS
6	XISD-6A	INTERIOR INTERLOCK 6063-T5	1	PROFILE EXTRUSIONS
7	XISD-6-1A	(HD) INTERIOR INTERLOCK 6063-T5	1	PROFILE EXTRUSIONS
8	XISD-7A	EXTERIOR INTERLOCK 6063-T5	1	PROFILE EXTRUSIONS
9	XISD-8	FIX. BOTT. RAIL ADAPT. 6063-T5	1	PROFILE EXTRUSIONS
10	XISD-10	3/8" GLAZING BEAD 6063-T5	8	PROFILE EXTRUSIONS
11	XISD-11	FIXED PANEL CLIP	4	PROFILE EXTRUSIONS
12	PC-F3731	SIDE ADJ. TANDEM ROLLERS	2	PE DELMAR
13	PC-F3765	SIDE ADJ. TANDEM ROLLERS	2	PE DELMAR
14	S1368	SGD LOCK/KEEPER HDL ASSY	1	SASH CONTROLS
15	IMP-005	PILE WITH FIN .270 X .220	AS REQD	AMESBURY
16	XISD-5-1	FIXED PNL BOTTOM RAIL 6063-T5	1	PROFILE EXTRUSIONS
17	IMP-002	PILE WITH FIN .270 X .230	AS REQD	AMESBURY
18	PURCHASE	# 8 X 3/4" P.H. PHIL.	8	
19	PURCHASE	# 10 X 3/4" P.H. PHIL.	26	
20	PURCHASE	1/4"Ø X 2-3/4" TAPCONS	AS REQD	I.T.W. OR ELCO
21	PURCHASE	7/16" (NOM .475") OVERALL H.S. LAMINATED GLASS BY SOLUTIA	2	SAFLEX IMPACT
22	5731	SILICONE	AS REQD	SCHNEE-MOREHEAD
23	LAW-15C	BULB VINYL GASKET	AS REQD	AMESBURY

PRODUCT REVISED  
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Expiration Date JUNE 24, 2009  
By Shawn L. Chan  
Miami Dade Product Control  
Division

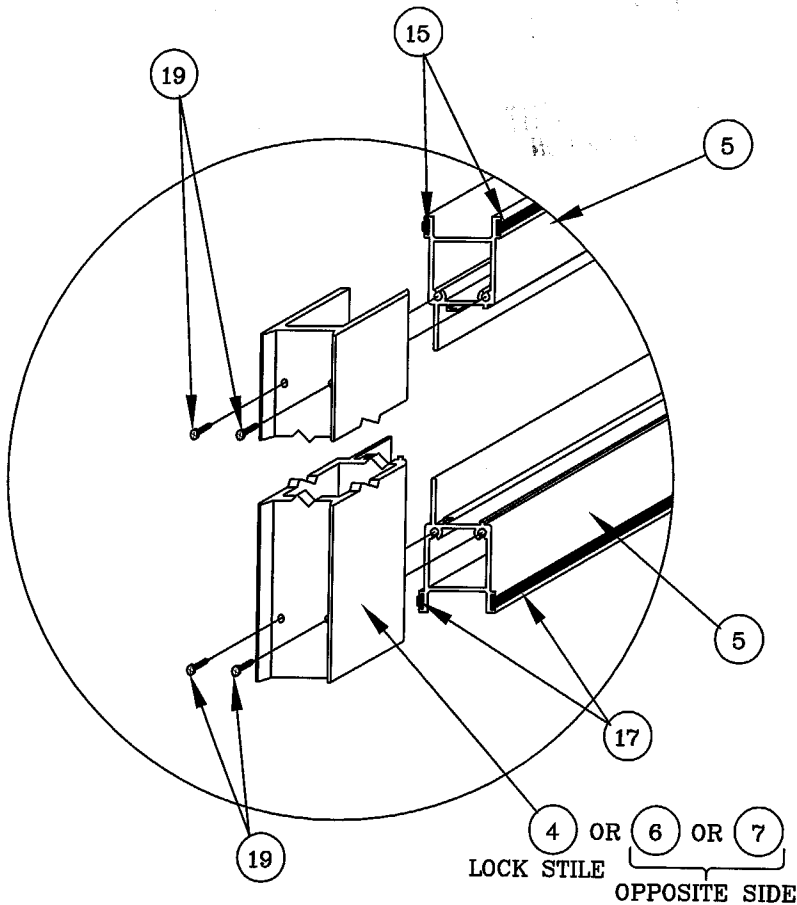


CHARLES A. PAGEN, P.E.  
FL REG ENG #49121  
06/16/05

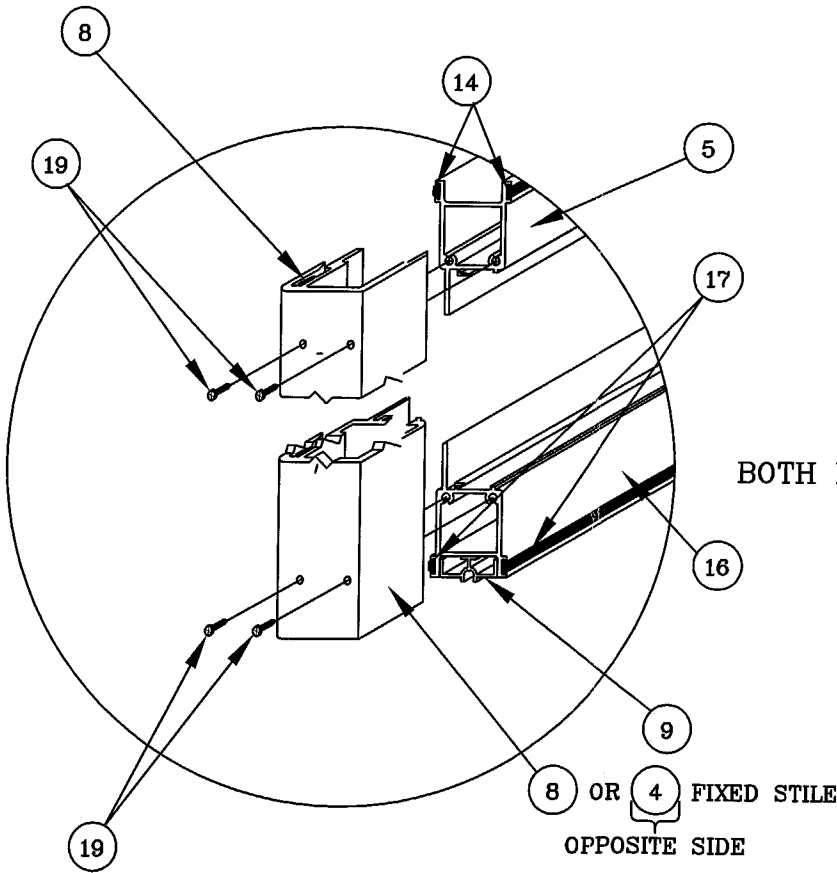
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SCALE: NTS SHEET: 4 OF 5 DRAWN BY: RLK DATE: 1/9/03  
 SIZE: B DRAWING NO: DADE-125C REV: D CHECKED BY: LNJ DATE: 1/9/03  
 FILE: DADE-125D APPRVD BY: CP DATE: 1/9/03  
 SERIES: 002/002  
 TITLE: STORMBREAKER PLUS SLIDING GL DOOR  
 ALUMINUM IMPACT RESISTANT 10' SGD  
 (XO or OX) BOM & CROSS SECTIONS

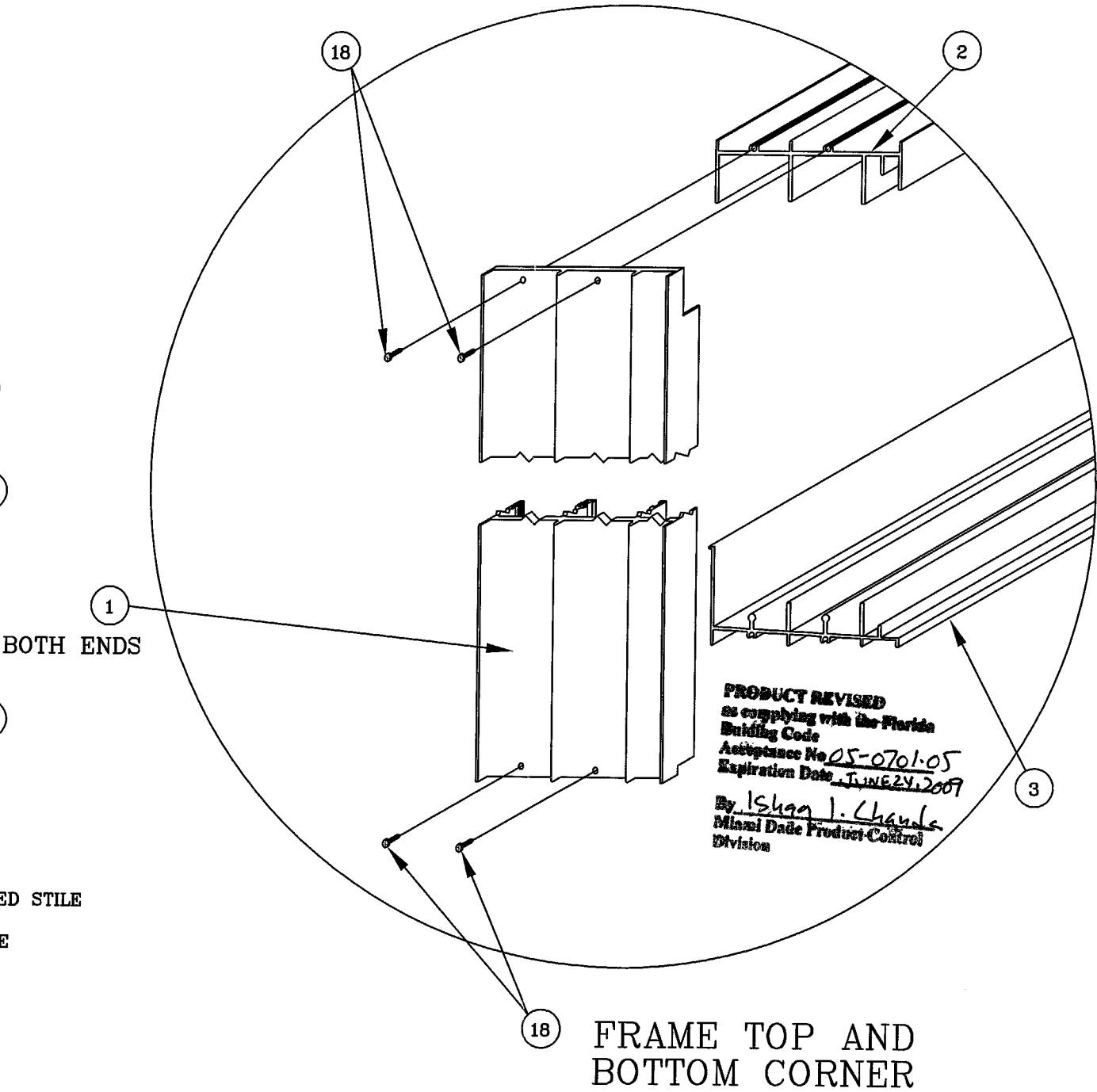
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MOVING PANEL TOP  
AND BOTTOM CORNER



FIXED PANEL TOP  
AND BOTTOM CORNER



FRAME TOP AND  
BOTTOM CORNER

  
**CHARLES A. PAGEN, P.E.**  
 FL REG ENG #49121  
 06/16/05

  
**SIMONTON**  
 W I N D O W S  
 Corporate Headquarters  
 1 Cochrane Avenue  
 Pennsboro, WV 26415  
 Manufacturing Plant  
 4504 30th Street, West  
 Bradenton, FL 34207

SCALE: NTS	SHEET: 5 OF 5	DRAWN BY: RLK	DATE: 1/9/03
SIZE: B	DRAWING NO: DADE-125C	REV: D	CHECKED BY: LNJ
FILE: DADE-125D	APPRVD BY: CP		
SERIES: 002/002			
STORMBREAKER PLUS SLIDING GL DOOR			
TITLE: ALUMINUM IMPACT RESISTANT 10' SGD (XO or OX) CORNER ASSEMBLY DETAILS			